Anish Ketha

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Education

Purdue University – College of Science & Daniels School of Business **West Lafayette, Indiana**
Bachelor of Science in Computer Science & Finance, College of Science Dean's List (2021) *May 2026*

Experience

JPMorgan Chase **June 2025 – August 2025**
Corporate Summer Analyst - Global Finance & Business Management *Newark, Delaware*

- Engineered end-to-end data workflows using **Alteryx** and **Python**, implementing ETL pipelines that eliminated over 1,460 hours of manual processing annually and enabled real-time reporting for strategic decision-making.
- Deployed an automated reconciliation workflow for the APAC region that scans millions of ledger entries and flags unsettled transactions, saving 200 hours annually and reducing reconciliation errors by 30%.
- Applied **Agile/Scrum** methodology using **Jira** and **Git** to coordinate software delivery, accelerating MVP delivery timelines and reducing bug resolution time by 25%.

Ascendion **June 2023 – August 2023**
Machine Learning Engineer *Basking Ridge, New Jersey*

- Developed predictive simulation components within a Divestiture Portfolio using **C#**, **React**, and **Bootstrap** to forecast budget allocations and visualize financial outcomes under varying asset sale scenarios.
- Generated and queried **Neo4j** graph databases to model and visualize asset dependencies, enabling risk assessment in divestiture planning.
- Created a Healthcare Chatbot using **PyTorch**, **spaCy**, and **OpenCV** that processes medical data to classify user-submitted images and symptoms, diagnose illnesses, and recommend potential treatments.

The Coca-Cola Company **June 2022 – August 2022**
Asset Auditor *Brooklyn, New York*

- Automated asset tracking by processing audit data in **Python** with **Pandas** and advanced Excel formulas/pivot tables, saving over 900 hours annually in reporting time.
- Developed automated analytics dashboards using **Python** and **Excel** to process asset performance data, apply statistical trend analysis, and identify high-retention locations for targeted asset placement.
- Optimized surveyor routing using data-driven geographic clustering, improving operational efficiency and increasing daily asset audits by 40%.

Projects

WayFindAR | Pitch-Off 2025: WebAR & AI Finalist | Demo **July 2025**

- Built a cross-platform web/mobile **AR navigation tool** that overlays 3D directions on live camera feeds using **TypeScript**, **Three.js**, and **MindAR.js**, enabling real-time indoor navigation in large office spaces.
- Integrated **LLM Suite** to generate intelligent route recommendations, suggest optimal visit times, and provide contextual insights, enhancing user experience through AI-driven personalization.
- Led prototyping and pitching, securing **2nd place** in the competition and positioning the project for patent submission and commercial deployment.

Chase Wrapped | J.P. Morgan Global Hackathon Winner | Demo **June 2025**

- Spearheaded the concept, storyboarding, and deployment of **Chase Wrapped**, a full-stack fintech application built with **Java**, **Spring Boot**, and **React** that transformed raw financial data into digestible, interactive narratives.
- Implemented **REST API** endpoints to enable real-time financial data retrieval and responsive front-end updates.
- Delivered a live demo to a panel of judges communicating the application's innovative features and user benefits, securing **3rd place** in the **JPMorgan Chase Global Hackathon.**

Credit Card Fraud Detection | GitHub **June 2023**

- Conducted exploratory data analysis on Kaggle datasets using **Pandas**, **NumPy**, **Matplotlib**, and **Seaborn** to identify transaction trends, spending behavior patterns, and anomaly indicators.
- Derived features such as transaction time intervals and merchant categories, and trained **Logistic Regression**, **Decision Tree**, **Random Forest**, **Naive Bayes**, and **K-Means** models using **Stratified K-Fold** cross-validation.
- Evaluated models using precision, recall, F1-score, and ROC-AUC, and visualized confusion matrices, precision-recall curves, and feature importances to identify key drivers of credit card fraud.

Technical Skills & Certifications

Languages: C, C#, C++, HTML/CSS, Java, JavaScript, Python, R, SQL, Swift
Developer Tools: Alteryx Designer, DevShell, Git, Google Colab, IntelliJ, Microsoft Office Suite, Vim, VS Code
Technologies/Frameworks: AWS Amplify, Bootstrap, EasyOCR, Flask, JUnit, Keras, LINQ, MongoDB, Node.js, Oracle, Pandas, PostgreSQL, React, Roboflow, Spring Boot, TensorFlow, UNIX, YOLOv8
Certifications: Alteryx Designer Core, Bloomberg Market Concepts (BMC)